



United States Department of Agriculture  
National Agricultural Statistics Service

# Wyoming Crop Weather



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## Month of December 2010

**AGRICULTURAL SUMMARY:** Above average temperatures in December, despite bitter temperatures last week.

Temperatures in December for the majority of Wyoming were above normal, despite the cold front that worked its way through the end of the month. Converse County reported harsh winter conditions over the New Year Holiday and Lincoln County commented that they were in the middle of a tough winter with a lot of snow and bitter temperatures. Weston County reported blustery and colder temperatures the last two weeks in December with the northern half of the county receiving significant snowfall, particularly in the northwest corner of the county. The NRCS SNOTEL sites are currently showing a snow water equivalent of 118 percent of average statewide, with a low of 89 percent and a high of 170 percent of average. High temperatures ranged from the low 40s to the upper 50s. Low temperatures ranged from the upper -20s to 0 degrees.

### SOIL MOISTURE SUPPLIES

	This Week	Last Year	5-Yr Avg
<b>Topsoil</b>			
Very Short	9	0	13
Short	26	16	33
Adequate	61	83	53
Surplus	4	1	1

### Subsoil

	This Week	Last Year	5-Yr Avg
Very Short	10	8	28
Short	39	21	38
Adequate	51	71	34
Surplus	0	0	0

**FIELD CROP REPORT:** For the month of December, the average depth of snow cover was estimated at 3.10 inches with adequate or better topsoil moisture increasing 8 points compared to the last week of November. Adequate or better subsoil moisture also increased from the end of November and is well above the 5-year average for this time of year. Winter wheat condition was down a bit from November, with the percent rated good or better decreasing 7 points to 49 percent. That estimate is 43 points behind the same time last year. Wind damage for winter wheat was down from November with 33 percent estimated to have light or moderate damage, compared to 40 percent in November. Freeze damage to winter wheat was up from November but well below the same time last year.

### CROP CONDITION TABLE

Item	Very Poor	Poor	Fair	Good	Excel
Winter Wheat	0	0	51	48	1

**LIVESTOCK, PASTURE AND RANGE REPORT:** Sheering of farm flocks was just getting started with 1 percent sheered. Calf and lamb losses were positive with the majority of losses estimated as light. Cattle in good or better condition were down 7 compared to the last report in November, while sheep in good or better condition were only down 5 from November. Stock water supplies were estimated at 88 percent adequate or better, down 3 from the same time last year but up 17 compared to the 5-year average. Hay and roughage supplies were also up compared to the 5-year average.

### LIVESTOCK CONDITION TABLE

Item	Very Poor	Poor	Fair	Good	Excel
Cattle & Sheep	0	1	10	88	1

### STOCK WATER SUPPLIES

	This Week	As of 11/29	Last Year	5-Yr Avg
Very Short	1	0	0	8
Short	11	14	9	21
Adequate	88	86	91	70
Surplus	0	0	0	1

### HAY & ROUGHAGE SUPPLIES

	This Week	As of 11/22	Last Year	5-Yr Avg
Very Short	0	0	0	2
Short	1	5	6	16
Adequate	95	93	92	76
Surplus	4	2	2	6



**WEATHER SUMMARY:** Monthly air temperatures averaged above normal at 32 of the 33 reporting stations, with 17 of the stations averaging 5 degrees or more above normal. Temperatures ranged from 2 degrees below normal at Dubois to 9 degrees above normal at Jackson Hole. The high temperature for the state was 59 degrees at Torrington, while a state low of 29 degrees below zero was recorded at Shirley Basin. Buford received the most precipitation for the month with 2.69 inches, 2.17 inches above normal for the reference month, and put them 8.85 inches above normal for cumulative precipitation since January 1, 2010. Eleven stations recorded below normal precipitation for the month. Eighteen stations remained below normal for cumulative precipitation since January 1, 2010, with seven of those stations being 2.24 inches or more behind normal.

Weather Data for the Month Ending December 31, 2010 <sup>1/</sup>

	Monthly Air Temperature				Monthly Precipitation			Since Jan 1 Precipitation	
	Hi	Lo	Avg	DFN	Total Inches	Normal Inches	DFN	Total Inches	DFN
<b>District 1</b>									
Cody	52	-2	28	3	0.17	0.32	-0.15	4.84	-5.99
Dubois	46	-10	22	-2	0.59	0.29	0.30	12.79	3.34
Greybull	41	0	21	3	0.41	0.34	0.07	7.39	-0.15
Jeffrey City	48	-15	25	6	0.59	0.45	0.14	12.28	1.61
Lake Yellowstone	43	-5	21	3	1.78	0.79	0.99	16.73	2.10
Lander	55	-5	28	8	0.86	0.61	0.25	14.58	1.16
Powell	48	-2	21	0	0.18	0.16	0.02	5.05	-1.91
Riverton	55	-5	27	5	0.35	0.19	0.16	9.40	1.59
Worland	46	-6	20	1	0.23	0.25	-0.02	7.24	-0.73
<b>District 2</b>									
Big Horn	54	-3	24	2	0.60	0.68	-0.08	17.05	2.33
Buffalo-Johnson	55	-5	28	6	0.32	0.48	-0.16	12.98	-0.51
Gillette	49	-5	27	6	0.26	0.56	-0.30	13.61	-2.90
Mid-West	52	-10	26	4	0.66	0.70	-0.04	11.52	-2.24
Newcastle	48	-2	26	3	0.61	0.58	0.03	12.18	-3.86
Sheridan	52	-1	24	2	0.20	0.50	-0.30	14.33	-0.09
Sundance	47	-3	25	5	0.40	0.73	-0.33	20.68	1.90
<b>District 3</b>									
Big Piney	41	-13	18	6	0.52	0.32	0.20	4.96	-2.43
Evanston	46	-5	24	4	0.95	0.67	0.28	11.21	-0.32
Jackson Hole	41	-9	22	9	2.14	2.46	-0.32	17.98	-3.43
Thayne	42	-4	22	8	2.45	1.43	1.02	19.33	1.19
<b>District 4</b>									
Casper	51	-16	28	6	1.23	0.62	0.61	12.66	-0.37
Laramie	52	-10	27	6	0.44	0.46	-0.02	9.94	-1.43
Rawlins	46	-10	28	5	1.25	0.49	0.76	7.96	-1.78
Rock Springs	49	-9	26	6	1.07	0.61	0.46	7.21	-2.25
Shirley Basin	47	-29	18	4	1.17	0.32	0.85	10.91	0.86
<b>District 5</b>									
Buford	51	-4	28	6	2.69	0.52	2.17	23.93	8.85
Cheyenne	57	-6	33	7	0.30	0.46	-0.16	14.40	-1.05
Chugwater	58	-5	30	4	1.23	0.65	0.58	21.69	5.93
Douglas	57	-7	29	5	0.51	0.36	0.15	12.42	-0.16
Lance Creek	55	-5	26	2	0.45	0.36	0.09	17.88	4.46
Old Fort Laramie	57	-2	28	3	0.72	0.29	0.43	18.42	5.18
Torrington	59	-1	33	7	0.46	0.36	0.10	14.88	1.04
Wheatland	55	-4	30	0	0.41	0.28	0.13	15.99	2.95

1/ Summary based on NWS data. DFN=Departure from Normal. Precipitation (rain or melted snow/ice) in inches. Air Temperatures in Degrees Fahrenheit. Weather data prepared by AWIS, Inc. For more weather information visit [www.awis.com](http://www.awis.com) or call 1-888-798-9955